

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1308	"33"/\$6.ccls. and density	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 11:49
L2	132	L1 and impact	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 11:50
L3	22	("2568143"   "2634509"   "2810206"   "3190010"   "3311990"   "3593428"   "3738015"   "3835549"   "4011660"   "4124940"   "4407075"   "4492038"   "4581828"   "4774767").PN. OR ("4991303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 12:07
L4	1634	(impact near absorb\$3) and (density) and (hard or hardness or soft or softness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:11
L5	1077	L4 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:09
L6	14	L5 and (resisting and compressing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:10
L7	2614	(impact near (resist\$3 or compress\$3)) and (density) and (hard or hardness or soft or softness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:11
L8	1758	L7 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:11

## EAST Search History

L9	97	(impact near absorb\$3) same (density) same (hard or hardness or soft or softness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:11
L10	839	("acrylonitrile butadiene styrene" or ABS) and density and (thermoplastic adj rubber)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 12:26
L11	701	L10 and layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 12:28
L12	12628092	Not (ink adj3 cartridge)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 12:28
L13	654	L11 not (ink adj3 cartridge)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 12:28

## EAST Search History

L14	56	(US-20030163927-\$ or US-20050155241-\$ or US-20050229414-\$ or US-20050223577-\$ or US-20050229415-\$ or US-20050229416-\$ or US-20050229417-\$ or US-20030144086-\$ or US-20040126523-\$ or US-20040235587-\$ or US-20040209705-\$ or US-20020151382-\$ or US-20030144087-\$ or US-20030045376-\$).did. or (US-6839974-\$ or US-4748780-\$ or US-3889353-\$ or US-3921306-\$ or US-6381859-\$ or US-4593475-\$ or US-6792686-\$ or US-0397043-\$ or US-5709034-\$ or US-5651186-\$ or US-5479717-\$ or US-5412876-\$ or US-4991303-\$ or US-4979310-\$ or US-4534117-\$ or US-4503623-\$ or US-4463501-\$ or US-4419833-\$ or US-6675490-\$ or US-6824477-\$ or US-6685580-\$ or US-6612939-\$ or US-6893361-\$ or US-6495249-\$ or US-6319966-\$ or US-6136441-\$). did. or (US-5356705-\$ or US-4843129-\$ or US-4393172-\$ or US-4905322-\$ or US-4169181-\$ or US-4429068-\$ or US-3911190-\$ or US-4320913-\$ or US-6988320-\$ or US-5867840-\$ or US-4710984-\$). did. or (US-3785915-\$ or US-3445113-\$ or US-3455546-\$ or US-3447163-\$).did. or (DE-3407583-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/19 13:30
L15	21	("0054626"   "0523894"   "1308765"   "2354756"   "2669029"   "3561123"   "4527334"   "4571845"   "4860459"   "5398422"   "5479717"   "5588217"   "5709034"   "6182916").PN. OR ("6381859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 14:20
L16	16	("3029524"   "3835549"   "4011660"   "4208803").PN. OR ("4419833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 14:24
L17	1093	level and (impact near (absorb\$3 or resist\$3 or compress\$3)) and density	US-PGPUB	OR	ON	2006/04/19 14:24
L18	532	L17 and (bubble or vial or spirit)	US-PGPUB	OR	ON	2006/04/19 14:25
L19	451	L18 not amine	US-PGPUB	OR	ON	2006/04/19 14:25

## EAST Search History

L20	442	L19 not catheter	US-PGPUB	OR	ON	2006/04/19 14:25
S1	2614	((33/451) or (33/379) or (33/377) or (33/365) or (33/755) or (33/761) or (33/771)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 11:49
S2	15	("1691118"   "2054420"   "2517264"   "4451993"   "4593475"   "4745689"   "5446969"   "5519942"   "6134795"   "6308428"   "6330752"   "6672190").PN. OR ("6839974").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:30
S3	30	("2535791"   "2789363"   "2790069"   "3213545"   "3499225"   "3820249").PN. OR ("4593475").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:33
S4	15	("2695949"   "3180036"   "4463501"   "4979310"   "5033199"   "5134780"   "5406714"   "5412876"   "5519942"   "5709034"   "5940978"   "6131298"   "6173502").PN. OR ("6792686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:38
S5	17	("2695949"   "3180036"   "4463501"   "4979310"   "5033199"   "5134780"   "5406714"   "5412876"   "5519942"   "5709034"   "5940978"   "6131298"   "6173502").PN. OR ("6675490").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:46
S6	853	((52/465) or (52/309.3) or (52/800.1)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/01 11:35
S7	480	(33/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/05 09:12
S8	18	("1393338"   "1640167"   "1690053"   "1712201"   "1777429"   "2038531"   "2057404"   "2624953").PN. OR ("4503623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 09:32
S9	16	("3029524"   "3835549"   "4011660"   "4208803").PN. OR ("4419833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 09:43

## EAST Search History

S10	163	33/365-402.ccls. and (impact or elastomer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/12/05 11:37
S11	20	("0054626"   "0523894"   "1308765"   "2354756"   "2669029"   "3561123"   "4527334"   "4571845"   "4860459"   "5398422"   "5479717"   "5588217"   "5709034"   "6182916").PN. OR ("6381859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 10:09
S12	49	(33/755.ccls. or 33/761.ccls. or 33/771.ccls.) and (impact or elastomer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/12/05 11:38
S13	26	(US-20030163927-\$ or US-20050155241-\$ or US-20050229414-\$ or US-20050229415-\$ or US-20050229416-\$ or US-20050229417-\$ or US-20050223577-\$).did. or (US-4463501-\$ or US-4593475-\$ or US-4748780-\$ or US-4979310-\$ or US-5412876-\$ or US-5651186-\$ or US-5709034-\$ or US-6675490-\$ or US-6792686-\$ or US-6839974-\$ or US-4503623-\$ or US-4419833-\$ or US-6381859-\$ or US-5479717-\$ or US-0397043-\$ or US-3921306-\$ or US-4534117-\$ or US-3889353-\$). did. or (DE-3407583-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/05 13:02
S14	8	("4463501"   "4979310"   "4991303").PN. OR ("5412876"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:18
S15	21540	"acrylonitrile butadiene styrene"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 12:26
S16	8266	S15 and impact	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:19
S17	4440	S16 and layer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:19
S18	1429	S17 and (impact same layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:22

## EAST Search History

S19	1010	S18 and rubber	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:46
S20	2136	("33"/\$6.ccls.) and "ABS"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:46
S21	233	S20 and rubber	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:46
S22	52	(US-20030163927-\$ or US-20050155241-\$ or US-20050229414-\$ or US-20050229415-\$ or US-20050229416-\$ or US-20050229417-\$ or US-20050223577-\$ or US-20040235587-\$ or US-20040209705-\$ or US-20040126523-\$ or US-20030144087-\$ or US-20030144086-\$ or US-20030045376-\$ or US-20020151382-\$).did. or (US-4463501-\$ or US-4593475-\$ or US-4748780-\$ or US-4979310-\$ or US-5412876-\$ or US-5651186-\$ or US-5709034-\$ or US-6675490-\$ or US-6792686-\$ or US-6839974-\$ or US-4503623-\$ or US-4419833-\$ or US-6381859-\$ or US-5479717-\$ or US-0397043-\$ or US-3921306-\$ or US-4534117-\$ or US-3889353-\$ or US-4991303-\$ or US-3911190-\$ or US-4169181-\$ or US-4320913-\$ or US-4393172-\$ or US-4429068-\$ or US-4843129-\$ or US-4905322-\$). did. or (US-5356705-\$ or US-6893361-\$ or US-6824477-\$ or US-6685580-\$ or US-6612939-\$ or US-6495249-\$ or US-6319966-\$ or US-6136441-\$).did. or (US-3445113-\$ or US-3455546-\$ or US-3785915-\$).did. or (DE-3407583-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/12/05 15:44
S23	29	("2535791"   "2789363"   "3213545"   "4124940"   "4419833"   "4463501"   "4574491"   "4593475"   "4607437").PN. OR ("4979310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 15:45
S24	8	("4463501"   "4979310"   "4991303").PN. OR ("5412876"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 15:51

## EAST Search History

S25	2636	((33/451) or (33/379) or (33/377) or (33/365) or (33/755) or (33/761) or (33/771)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 13:17
S26	33	("0508762"   "0945275"   "1132318"   "1430904"   "1690053"   "2383166"   "2879606"   "3003054"   "3104477"   "3225451"   "3648378"   "4561798"   "4928395"   "4979310"   "5165650"   "5199177"   "5388338"   "5412876"   "5433011"   "5479717"   "5709034"   "6418634"   "6675490").PN. OR ("6988320"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:20
S27	856	((52/465) or (52/309.3) or (52/800.1)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 13:23
S28	483	(33/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 13:23
S29	166	33/365-402.ccls. and (impact or elastomer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:24
S30	50	(33/755.ccls. or 33/761.ccls. or 33/771.ccls.) and (impact or elastomer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:25

## EAST Search History

S31	53	(US-20050229417-\$ or US-20030045376-\$ or US-20050229416-\$ or US-20050155241-\$ or US-20050229414-\$ or US-20050229415-\$ or US-20040209705-\$ or US-20040235587-\$ or US-20030163927-\$ or US-20050223577-\$ or US-20040126523-\$ or US-20020151382-\$ or US-20030144087-\$ or US-20030144086-\$).did. or (US-4393172-\$ or US-4843129-\$ or US-6685580-\$ or US-6893361-\$ or US-6136441-\$ or US-4593475-\$ or US-6319966-\$ or US-3921306-\$ or US-4748780-\$ or US-6612939-\$ or US-6824477-\$ or US-5356705-\$ or US-6792686-\$ or US-5651186-\$ or US-4979310-\$ or US-5709034-\$ or US-6381859-\$ or US-6839974-\$ or US-4169181-\$ or US-4429068-\$ or US-6675490-\$ or US-3889353-\$ or US-4905322-\$ or US-5412876-\$ or US-5479717-\$ or US-3911190-\$). did. or (US-4320913-\$ or US-6495249-\$ or US-0397043-\$ or US-4991303-\$ or US-4534117-\$ or US-4503623-\$ or US-4463501-\$ or US-4419833-\$ or US-6988320-\$). did. or (US-3445113-\$ or US-3785915-\$ or US-3455546-\$). did. or (DE-3407583-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/18 14:09
S32	0	("2005/0229416").URPN.	USPAT	OR	ON	2006/04/18 13:28
S33	0	("2005/0223577").URPN.	USPAT	OR	ON	2006/04/18 13:29
S34	21	("0054626"   "0523894"   "1308765"   "2354756"   "2669029"   "3561123"   "4527334"   "4571845"   "4860459"   "5398422"   "5479717"   "5588217"   "5709034"   "6182916").PN. OR ("6381859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:40
S35	444	scarborough.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:40
S36	245	S35 and level	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:41



## EAST Search History

S37	111	S36 not amine	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:41
S38	88	S37 not rna	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:42
S39	11491	level and impact and absorb	US-PGPUB	OR	ON	2006/04/18 14:10
S40	2293	level and (impact same absorb)	US-PGPUB	OR	ON	2006/04/18 14:10
S41	201	S40 and (vial or bubble)	US-PGPUB	OR	ON	2006/04/18 14:10